

The ICR Dryer designed and manufactured by Eurotech Way is a cutting-edge machinery especially conceived for drying any type of inks or enamel, through a high-tech heating system, with special insulating material bringing about a consumption reduction. The dryer is modular and therefore can be adapted to suit any customer's requirement and can be used to process glass panels of all sizes up to Jumbo sheets.

The main features of the new dryer are mentioned here below:

❖ HEATING UNIT

1. HEATING ELEMENTS

- Supporting structure made of painted steel;
- Heating element insulation sized according to the operating temperature;
- Heating element inner lining made of reflective AISI 430, amplifying the heat power of the specific equipment.



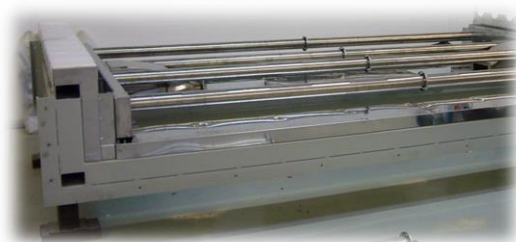
2. HEATING SYSTEM

- The upper side of the heating system consists of gas catalytic panels while the lower part is equipped with shielded resistors;
- Heating system with hot air forced convection in a closed circuit for energy saving;
- Separate temperature control on the right/left sides, above/below the rollers; each heating element can be fitted with different thermal profiles;
- Perfect thermal balance due to separate setting of temperature curves and constant control of the recirculating air volumes inside the chamber.



3. RECIRCULATION AND VENTILATION SYSTEM

- Ventilators are controlled by inverter for a specific modularity of use. By injecting hot air into the blowing pipes inside the heating chamber, the heat is properly transferred on the glass in transit.



4. LIFTING SYSTEM

- By means of mechanical jacks and related anti-fall safety devices, the upper heating elements can be 500 mm lifted up.



❖ COOLING UNIT

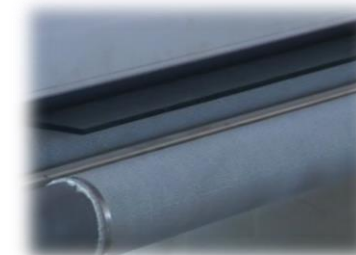
5. AIR RECIRCULATION AND VENTILATION SYSTEM

- Stand-alone cooling air distribution systems: one for the upper side and one for the lower side of the glass;
- Air distribution system composed of slotted pipes for direct cooling, and closed pipes with air recirculation for indirect cooling;
- Possibility of installing different thermal profiles on the upper and lower side of the rollers through inverter on the ventilators;
- Hot air discharge chimneys equipped with a separate adjustable air intake on each heating element



❖ CONVEYING ROLLERS (heating-cooling area)

- Steel conveying rollers coated with a double-fibre braid directly on the roller, and an additional outer coating made of stainless steel AISI 316L in contact with the glass.



- The whole kinematics, volumes and temperatures of the machine are controlled by PLC and set by a Touch-Screen operator interface.



ROBOCLEAN
Robot for cleaning and polishing of fused silica rollers installed inside glass tempering furnaces



SCREEN PRINTING MACHINES



DRYERS



EDGE ROLLER COATING MACHINE

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EUROTECH WAY



WITH A VIEW TO PROMOTING THE MADE-IN-ITALY



INTRODUCES TO THE WHOLE WORLD



DRYERS

It is not an advertising invention, but rather the result of years of research oriented towards technological innovation